

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/078,377	HANSON ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Pierre-Louis Desir	2617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/17/2006.
2. ☒ The allowed claim(s) is/are 1-105.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>03/17/2006</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                 | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

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### **DETAILED ACTION**

1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

### ***Allowable Subject Matter***

2. Claims 1-105 are allowed.

The following is an examiner's statement of reasons for allowance:

Independents claims 1, 29, and 82 establish in a data communication environment including a plurality of data network or subnetworks capable of communicating internet Protocol packet-based data; at least one resource consumer that consumes at least one resource; at least one mobile computing device coupled to at least one of said plurality of networks or subnetworks; and at least another computing device that is coupled to at least one of said plurality of networks or subnetworks, wherein said at least one mobile computing device communicates with said at least another computing device at least in part via at least one of said plurality of networks or subnetworks a distributed policy-management arrangement comprising; a policy management module present at least on said at least one mobile computing device, said policy management module dynamically conditioning or dynamically modifying at least one of consumption of and access to said at least one said at least one resource consumer resource wherein said distributed policy management arrangement provides at least one of a rule and a control, that dynamically conditions or dynamically modifies the at least one of said consumption and said access to said resource by the resource consumer based at least in part on one of a change in the

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state of the resource consumer, the identity of the resource consumer, said mobile computing device's communication capability via at least one of said plurality of network or subnetworks, a time event associated with said policy management arrangement, and a mobility event associated with said mobile computing device, wherein said policy management arrangement dynamically conditions or dynamically modifies said consumption of or access to the said at least one resource even if said communication(s) are encrypted.

As recited in the above claim language, and stated during the personal interview held on 01/19/2006, the exemplary illustrative non-limiting implementation in the claim provides a distributed model that can be used to enforce policy management at one, the other, or both ends of the communications path even though the communications are encrypted by a VPN tunnel. The exemplary illustrative non-limiting implementation doesn't need to monitor packet traffic because the distributed policy management architecture, in one exemplary illustrative non-limiting implementation, understands which applications are running and which applications generated the communications it is therefore possible for the exemplary illustrative non-limiting implementation to dynamically enforce policy management based on changing conditions even when a VPN or other mechanism is encrypting the traffic.

Ahmed et al. (US 6256300) and McCloghrie et al. (US 6286052) do not teach a distributed policy management arrangement or method as recited in the amended claims. And, The applied secondary/tertiary references relied upon for specific purposes (St. Pierre, Goertzel, Pirot, Bowman-Amuah, Roach, Wiegel, Stewart et al, Ball, Kovacs, Inoue) do not supply the teachings missing from Ahmed and McCloghrie.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pierre-Louis Desir whose telephone number is (571) 272-779. The examiner can normally be reached on Monday-Friday 8:00AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Pierre-Louis Desir  
04/24/2006



JOSEPH FEILD  
SUPERVISORY PATENT EXAMINER